

RAW SEQUENCE LISTING

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Application Serial Number: 10/018 677
Source: IFW
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IFWO

RAW SEQUENCE LISTING

DATE: 09/05/2006

PATENT APPLICATION: US/10/018,677

TIME: 15:32:46

Input Set : N:\Crf3\RULE60\10018677.RAW

Output Set: N:\CRF4\09052006\J018677.raw

1 <110> APPLICANT: Suciu-Foca, Nicole
 2 <120> TITLE OF INVENTION: GENERATION OF ANTIGEN SPECIFIC T SUPPRESSOR CELLS FOR
 TREATMENT OF
 3 REJECTION
 4 <130> FILE REFERENCE: 0575/58332
 5 <140> CURRENT APPLICATION NUMBER: US/10/018,677
 6 <141> CURRENT FILING DATE: 2002-05-15
 7 <150> PRIOR APPLICATION NUMBER: US/09/333,809
 8 <151> PRIOR FILING DATE: 1999-06-15
 9 <160> NUMBER OF SEQ ID NOS: 229
 10 <170> SOFTWARE: PatentIn version 3.1
 12 <210> SEQ ID NO: 1
 13 <211> LENGTH: 34
 14 <212> TYPE: PRT
 15 <213> ORGANISM: Artificial Sequence
 16 <220> FEATURE:
 17 <223> OTHER INFORMATION: HIV-1 tat - HLA-DRB chimera
 18 <400> SEQUENCE: 1
 19 Arg Lys Lys Arg Arg Gln Arg Arg Arg Gln Lys Asp Leu Leu Glu Gln
 20 1 5 10 15
 21 Lys Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Val Gly
 22 20 25 30
 23 Glu Ser
 25 <210> SEQ ID NO: 2
 26 <211> LENGTH: 102
 27 <212> TYPE: PRT
 28 <213> ORGANISM: human
 29 <400> SEQUENCE: 2
 30 Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Leu Lys Phe Glu Cys His
 31 1 5 10 15
 32 Phe Phe Asn Gly Thr Glu Arg Val Arg Leu Leu Glu Arg Cys Ile Tyr
 33 20 25 30
 34 Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg
 35 35 40 45
 36 Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
 37 50 55 60
 38 Lys Asp Leu Leu Glu Gln Arg Arg Ala Ala Val Asp Thr Tyr Cys Arg
 39 65 70 75 80
 40 His Asn Tyr Gly Val Gly Glu Ser Phe Thr Val Gln Arg Arg Val Glu
 41 85 90 95
 42 Pro Lys Val Thr Val Tyr
 43 100
 45 <210> SEQ ID NO: 3
 46 <211> LENGTH: 102

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47 <212> TYPE: PRT
48 <213> ORGANISM: human
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52   Phe Phe Asn Gly Thr Glu Arg Val Arg Leu Leu Glu Arg Cys Ile Tyr
53   20          25          30
54   Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg
55   35          40          45
56   Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
57   50          55          60
58   Lys Asp Leu Leu Glu Gln Arg Arg Ala Ala Val Asp Thr Tyr Cys Arg
59   65          70          75          80
60   His Asn Tyr Gly Ala Val Glu Ser Phe Thr Val Gln Arg Arg Val Glu
61   85          90          95
62   Pro Lys Val Thr Val Tyr
63   100
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 81
67 <212> TYPE: PRT
68 <213> ORGANISM: human
69 <400> SEQUENCE: 4
70   Arg Phe Leu Trp Gln Leu Lys Phe Glu Cys His Phe Phe Asn Gly Thr
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72   Glu Arg Val Arg Leu Leu Glu Arg Cys Ile Tyr Asn Gln Glu Glu Ser
73   20          25          30
74   Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg Ala Val Thr Glu Leu
75   35          40          45
76   Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln Lys Asp Leu Leu Glu
77   50          55          60
78   Gln Arg Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Ala
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80   Val
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83 <211> LENGTH: 102
84 <212> TYPE: PRT
85 <213> ORGANISM: human
86 <400> SEQUENCE: 5
87   Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Leu Lys Phe Glu Cys His
88   1          5          10          15
89   Phe Phe Asn Gly Thr Glu Arg Val Arg Leu Leu Glu Arg Cys Ile Tyr
90   20          25          30
91   Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg
92   35          40          45
93   Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
94   50          55          60
95   Lys Asp Ile Leu Glu Asp Glu Arg Ala Ala Val Asp Thr Tyr Cys Arg
96   65          70          75          80
97   His Asn Tyr Gly Val Gly Glu Ser Phe Thr Val Gln Arg Arg Val Glu

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98          85          90          95
99      Pro Lys Val Thr Val Tyr
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102 <210> SEQ ID NO: 6
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106 <400> SEQUENCE: 6
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110          20          25          30
111      Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg
112          35          40          45
113      Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
114          50          55          60
115      Lys Asp Leu Leu Glu Gln Arg Arg Ala Ala Val Asp Asn Tyr Cys Arg
116          65          70          75          80
117      His Asn Tyr Gly Val Val Glu Ser Phe Thr Val Gln Arg Arg Val Glu
118          85          90          95
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123 <211> LENGTH: 102
124 <212> TYPE: PRT
125 <213> ORGANISM: human
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128          1          5          10          15
129      Phe Phe Asn Gly Thr Glu Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr
130          20          25          30
131      Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg
132          35          40          45
133      Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
134          50          55          60
135      Lys Asp Ile Leu Glu Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg
136          65          70          75          80
137      His Asn Tyr Gly Val Val Glu Ser Phe Thr Val Gln Arg Arg Val Gln
138          85          90          95
139      Pro Lys Val Thr Val Tyr
140          100
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143 <211> LENGTH: 88
144 <212> TYPE: PRT
145 <213> ORGANISM: human
146 <400> SEQUENCE: 8
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149      Glu Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr Asn Gln Glu Glu Ser

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150          20          25          30
151    Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg Ala Val Thr Glu Leu
152          35          40          45
153    Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln Lys Asp Ile Leu Glu
154          50          55          60
155    Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Val
156          65          70          75          80
157    Val Glu Ser Phe Thr Val Gln Arg
158          85
160 <210> SEQ ID NO: 9
161 <211> LENGTH: 102
162 <212> TYPE: PRT
163 <213> ORGANISM: human
164 <400> SEQUENCE: 9
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167    Phe Phe Asn Gly Thr Glu Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr
168          20          25          30
169    Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg
170          35          40          45
171    Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
172          50          55          60
173    Lys Asp Ile Leu Glu Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg
174          65          70          75          80
175    His Asn Tyr Gly Val Gly Glu Ser Phe Thr Val Gln Arg Arg Val Gln
176          85          90          95
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181 <211> LENGTH: 73
182 <212> TYPE: PRT
183 <213> ORGANISM: human
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185    Glu Cys His Phe Phe Asn Gly Thr Glu Arg Val Arg Phe Leu Asp Arg
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187    Tyr Phe Tyr Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly
188          20          25          30
189    Glu Phe Arg Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp
190          35          40          45
191    Asn Ser Gln Lys Asp Ile Leu Glu Gln Ala Arg Ala Ala Val Asp Thr
192          50          55          60
193    Tyr Cys Arg His Asn Tyr Gly Val Gly
194          65          70
196 <210> SEQ ID NO: 11
197 <211> LENGTH: 81
198 <212> TYPE: PRT
199 <213> ORGANISM: human
200 <400> SEQUENCE: 11
201    Arg Phe Leu Trp Gln Pro Lys Arg Glu Cys His Phe Phe Asn Gly Thr

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202      1          5          10          15
203      Glu Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr Asn Gln Glu Glu Ser
204              20              25              30
205      Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg Ala Val Thr Glu Leu
206              35              40              45
207      Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln Lys Asp Ile Leu Glu
208              50              55              60
209      Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Val
210              65              70              75              80
211      Gly
213 <210> SEQ ID NO: 12
214 <211> LENGTH: 98
215 <212> TYPE: PRT
216 <213> ORGANISM: human
217 <400> SEQUENCE: 12
218      Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Pro Lys Arg Glu Cys His
219      1          5          10          15
220      Phe Phe Asn Gly Thr Glu Arg Val Arg Phe Leu Asp Arg His Phe Tyr
221              20              25              30
222      Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg
223              35              40              45
224      Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
225              50              55              60
226      Lys Asp Ile Leu Glu Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg
227              65              70              75              80
228      His Asn Tyr Gly Val Val Glu Ser Phe Thr Val Gln Arg Arg Val Gln
229              85              90              95
230      Pro Lys
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233 <211> LENGTH: 85
234 <212> TYPE: PRT
235 <213> ORGANISM: human
236 <400> SEQUENCE: 13
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239      Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr Asn Gln Glu Glu Ser Val
240              20              25              30
241      Arg Phe Asp Ser Asp Val Gly Glu Phe Arg Ala Val Thr Glu Leu Gly
242              35              40              45
243      Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln Lys Asp Phe Leu Glu Gln
244              50              55              60
245      Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Val Val
246              65              70              75              80
247      Glu Ser Phe Thr Val
248              85
250 <210> SEQ ID NO: 14
251 <211> LENGTH: 87
252 <212> TYPE: PRT
253 <213> ORGANISM: human

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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : N:\Crf3\RULE60\10018677.RAW
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The rules require that a line not exceed 72 characters in length. This includes spaces.

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VERIFICATION SUMMARY

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Output Set: N:\CRF4\09052006\J018677.raw